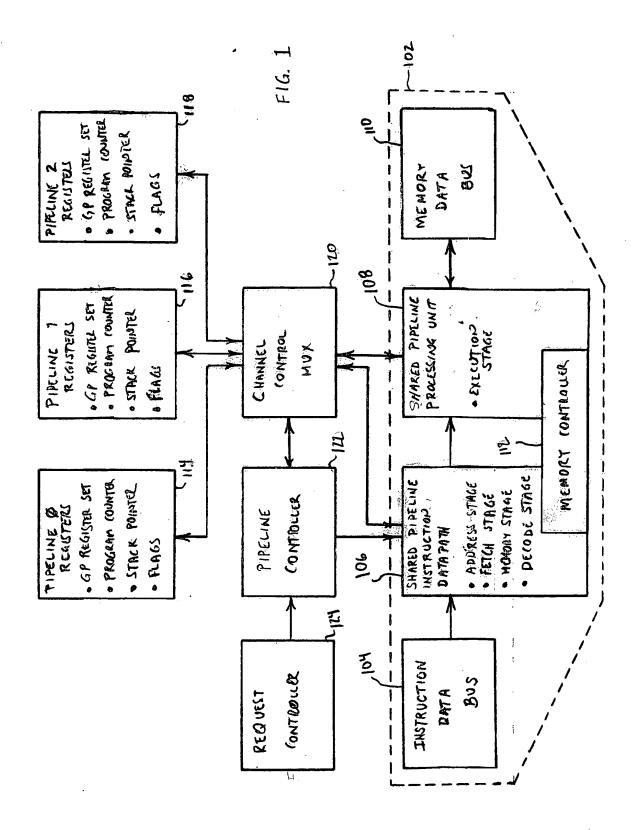
1.2 S. 1. SANGONG S. S.

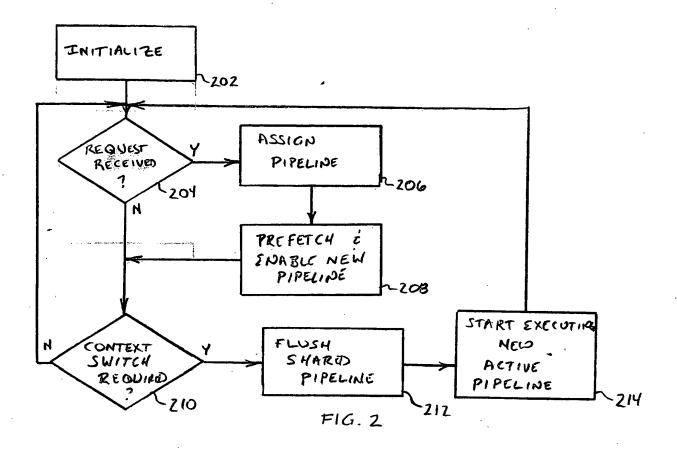


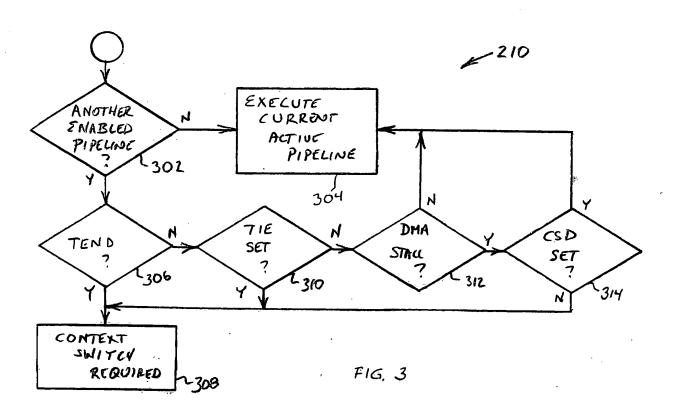
"Context Switching Pipelined Microprocessor" Inventors: Yearsley, Gyle D. et al. Atty. Docket No.: M-11750 US; Sheet 1





"Context Switching Pipelined Microprocessor" Inventors: Yearsley, Gyle D. et al. Atty. Docket No.: M-11750 US; Sheet 2-6

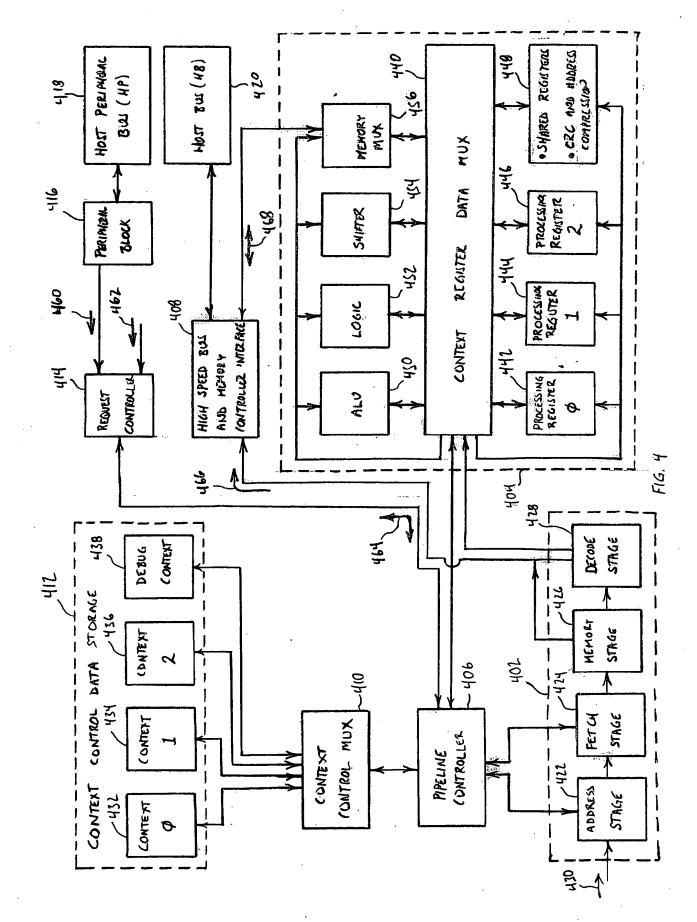




3.10 NOTEST CONTRACTOR



"Context Switching Pipelined Microprocessor" Inventors: Yearsley, Gyle D. et al. Atty. Docket No.: M-11750 US; Sheet 3



1. 1. 12. 3.35.43.43.88.88.88.34.34.35.1



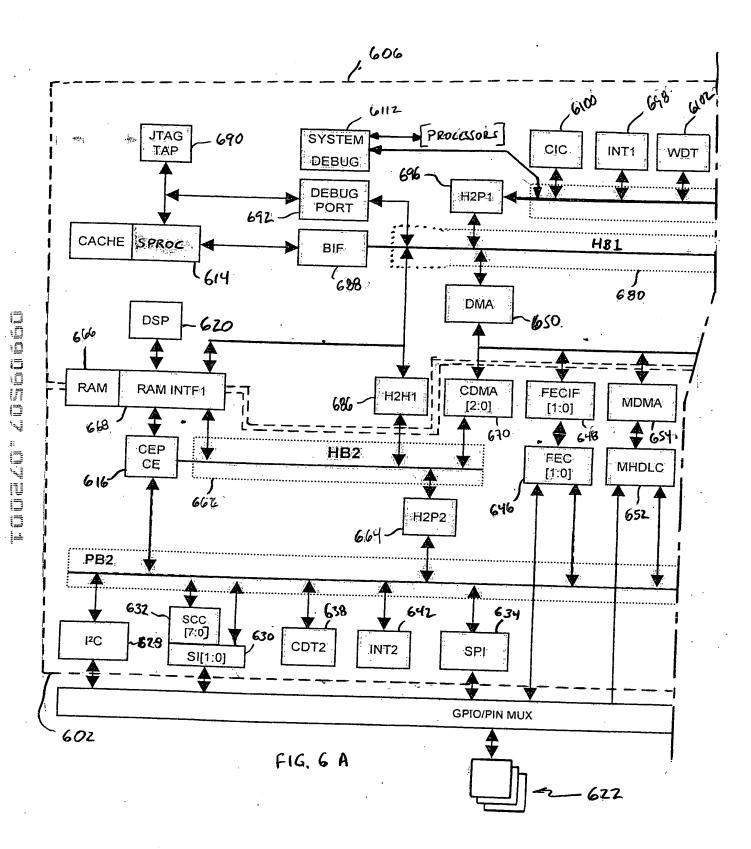
"Context Switching Pipelined Microprocuror" Inventors: Yearsley, Gyle D. et al. Atty. Docket No.: M-11750 US; Sheet 4 or o

	Destination Address	n Address			Source Address	No.	
gister IWI23:201 Register Name Register IWI19:16 0000 GP Register 0 R0 0000 0001 GP Register 1 R1 0001 0010 GP Register 3 R3 0010 0100 GP Register 5 R4 0100 0101 GP Register 5 R5 0101 0110 GP Register 6 R5 0101 0111 GP Register 7 R7 0110 0110 GP Register 6 R8 1000 1001 Reserved R8 1000 1001 Reserved R9 1010 1010 Reserved R9 1010 1010 Stack Pointer R1 1100 1100 CCC Data R13 1101 1100 CRC Data R13 1101 1110 CRC Remainder Data R14 1110 1111 CRC Polynomial IMM 1111	Carl State Control			11.00 (1.1) to the to the			
0000 GP Register 1 R0 0000 0001 GP Register 1 R1 0001 0010 GP Register 3 R2 0010 0010 GP Register 4 R3 0011 0100 GP Register 4 R4 0100 0101 GP Register 5 R5 0101 0110 GP Register 7 R6 0110 1000 Reserved R8 1000 1001 Reserved R9 1001 1010 PipeLine R1 101 1010 Stack Pointer R1 101 1100 Command R12 1100 1100 CRC Data/ R13 1101 1110 CRC Data/ R14 1110 1111 CRC Polynomial IMM 1111	Register	[W[23:20]	Register Name		Register	IW[19:16]	Register Name
0001 GP Register 1 R1 0001 0010 GP Register 2 R2 0010 0011 GP Register 3 R3 0011 0100 GP Register 4 R4 0100 0101 GP Register 5 R5 0101 0110 GP Register 7 R6 0110 1000 Reserved R8 1000 1001 Reserved R9 1001 1010 Reserved R9 1001 Addr Compand R11 1110 CRC Data R14 1110 Addr Compression Mask R14 1111 Addr Compression Mask 1111	R0	0000	GP Register 0		30	0000	GP Register 0
0010 GP Register 2 R2 0010 0011 GP Register 3 R3 0011 0100 GP Register 4 R4 0100 0101 GP Register 5 R5 0101 0110 GP Register 7 R6 0110 0111 GP Register 7 R7 0111 1000 Reserved R8 1000 1001 Reserved R9 1001 1010 PipeLine R10 1010 1011 Stack Pointer R11 1011 1100 Command R12 1100 1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 1111 CRC Polynomial IMM 1111	RI	0001	GP Register 1		17	1000	GP Register1
0011 GP Register 3 R3 0011 0100 GP Register 4 R4 0100 0110 GP Register 5 R5 0101 0110 GP Register 6 R6 0110 1000 Reserved R8 1000 1001 Reserved R9 1001 1010 PipeLine R10 1010 1101 Stack Pointer R11 1010 1100 Command R12 1100 Addr Compression Data R13 1101 Addr Compression Data R14 1110 1111 CRC Polynomial IMM 1111	R2 .	0010	GP Register 2		22	0010	GP Register 2
0100 GP Register 4 • R4 0100 0101 GP Register 5 R5 0101 0110 GP Register 6 R6 0110 1000 Reserved R8 1000 1001 Reserved R8 1000 1010 PipeLine R9 1001 1011 Stack Pointer R11 1011 1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 Addr Compression Mask R14 1111 Addr Compression Mask IMM 1111	R3	0011	GP Register 3		33	0011	Register 3
0101 GP Register 5 R5 0101 0110 GP Register 6 R6 0110 1000 Reserved R8 1000 1001 Reserved R9 1001 1010 PipeLine R10 1010 1011 Stack Pointer R11 1011 1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 1111 CRC Polynomial IMM 1111 Addr Compression Mask IMM 1111	R4	00100	GP Register 4		\$4	0100	GP Register 4
0110 GP Register 6 R6 0110 0111 GP Register 7 R7 0111 1000 Reserved R8 1000 1010 Reserved R9 1001 1010 PipeLine R10 1010 1011 Stack Pointer R11 1011 1100 Command R12 1100 1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 1111 CRC Polynomial R14 1110 Addr Compression Mask IMM 1111	RS	. 1010	GP Register 5		35	0101	GP Register 5
0111 GP Register 7 R7 0111 1000 Reserved R8 1000 1010 Reserved R9 1001 1011 Stack Pointer R11 1010 1100 Command R12 1100 1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 1111 CRC Polynomial IMM 1111 Addr Compression Mask IMM 1111	R6	0110	GP Register 6		93	0110	GP Register 6
1000 Reserved R8 1000 1001 Reserved R9 1001 1010 Stack Pointer R10 1010 1100 Command R12 1100 1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 1111 CRC Polynomial IMM 1111 Addr Compression Mask IMM 1111	R7	011:1	GP Register 7	1	23	0111	GP Register 7
1001 Reserved R9 1001 1010 PipeLine R10 1010 1101 Stack Pointer R11 1011 1100 Command R12 1100 1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 1111 CRC Polynomial IMM 1111 Addr Compression Mask IMM 1111	R8	1000	Reserved	1	82	1000	Reserved
1010 PipeLine R10 1010 1011 Stack Pointer R11 1011 1100 Command R12 1100 1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 1111 CRC Polynomial IMM 1111 Addr Compression Mask IMM 1111	R9	1001	Reserved	<u>E</u>	62	1001	Reserved
1011 Stack Pointer R11 1011 1100 Command R12 1100 1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 1111 CRC Remainder Data R14 1110 Addr Compression Mask 1111 1111	R10	1010	PipeLine	1	110	1010	PipeLine
1100 Command R12 1100 1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 1111 CRC Polynomial IMM 1111 Addr Compression Mask IMM 1111	R11	1011	Stack Pointer	12.	=	1011	Stack Pointer
1101 CRC Data/ R13 1101 Addr Compression Data R14 1110 CRC Remainder Data R14 1110 Addr Compression Mask IMM 1111	R12	1100	Command	124	112	1100	Command
Addr Compression Data R14 1110 1111 CRC Remainder Data R14 1110 Addr Compression Mask IMM 1111	R13	1101	CRC Data/	2	113	1101	CRC Data/
1110 CRC Remainder Data R14 1110 1111 CRC Polynomial IMM 1111 Addr Compression Mask Addr Compression Mask IMM			Addr Compression Data				Addr Compression Data
1111 CRC Polynomial IMM 1111 Addr Compression Mask	R14	1110	CRC Remainder Data	-	14	1110	CRC Remainder Data
Addr Compression Mask	R15	1111	CRC Polynomial		MM	1111	Immediate Data
			Addr Compression Mask		٠	•	

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